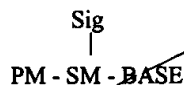




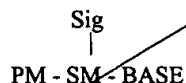
wherein PM is a phosphate moiety, SM is a sugar moiety **comprising a pentose sugar selected from a ribose or a deoxyribose**, and BASE is a pyrimidine, purine or 7-deazapurine moiety, said PM being covalently attached to SM, said BASE being covalently attached to the 1' position of SM from the N<sup>1</sup> position when BASE is a pyrimidine or the N<sup>9</sup> position when BASE is a purine or 7-deazapurine, and said Sig is a detectable moiety covalently attached to SM directly or through a linkage group. --

-- 272 (Twice amended) A nucleotide having the formula:



wherein PM is a phosphate moiety, SM is a sugar moiety **comprising a pentose sugar selected from a ribose or a deoxyribose**, and BASE is a pyrimidine, purine or 7-deazapurine moiety, said PM being covalently attached to SM, said BASE being covalently attached to the 1' position of SM from the N<sup>1</sup> position when BASE is a pyrimidine or the N<sup>9</sup> position when BASE is a purine or 7-deazapurine, and said Sig is a detectable moiety covalently attached to SM directly or through a linkage group. --

-- 308 (Twice amended) A composition comprising a polymeric compound having attached directly or indirectly thereto at least one nucleotide having the formula:



wherein PM is a phosphate moiety, SM is a sugar moiety **comprising a pentose sugar selected from a ribose or a deoxyribose**, and BASE is a pyrimidine, purine or 7-deazapurine moiety, said PM being covalently attached to SM, said BASE being covalently attached to the 1' position of SM from the N<sup>1</sup> position when BASE is a pyrimidine or the N<sup>9</sup> position when BASE is a purine or 7-deazapurine, and said Sig is a detectable moiety covalently attached to SM directly or through a linkage group. --